

## CLAIMS

We claim:

- 1 1. A method for client/server communications, comprising  
2 the steps of:  
  
3 loading to a client browser a frame set including a  
4 function frame and a content frame;  
  
5 loading application code to said function frame; and  
  
6 responsive to user interaction with said content frame,  
7 executing said application code.
- 1 2. The method of claim 1, further comprising the steps of:  
2  
3 loading to said frame set a data accumulation frame;  
4 and  
5  
6 accumulating data entered to said content frame in said  
7 data accumulation frame for eventual communication to

8           said server.

1       3.    The method of claim 1, further comprising the steps of:

2           loading to said frame set a data accumulation frame;

3           initializing said data accumulation frame with

4           application specific data input fields;

5           executing said application code to load said data input

6           fields from said data accumulation frame to said

7           content frame.

1       4.    The method of claim 2, further comprising the step of:

2           loading programming code, functions, data objects and

3           global variables to said footer frame.

1       5.    The method of claim 2, further comprising the step of:

2           filling said content frame from a server view.

1        6.    The method of claim 2, further comprising the step of:

2            loading database data from said server to said data  
3            accumulation frame.

1        7.    The method of claim 2, further comprising the step of:

2            executing said application code responsive to calls  
3            from said content frame.

1        8.    The method of claim 2, further comprising the step of:

2            validating data stored to said data accumulation frame  
3            using logic code and data stored locally in the browser  
4            prior to transmission to said server.

1        9.    The method of claim 2, said application being a  
2            requisition and catalog application.

1        10.   The method of claim 9, further comprising the step of:

2 responsive to user input at said content frame,  
3 executing said application code from said function  
4 frame to create or process a requisition.

1 11. The method of claim 10, further comprising the step of:

2 accumulating requisition data in said data accumulation  
3 frame for eventual transmission to said server.

1 12. The method of claim 10, further comprising the step of:

2 responsive to user input at said content frame,  
3 executing said application code from said function  
4 frame to create dynamically generated new pages of  
5 information, data, and user input screens, in the  
6 browser, without further server communication.

1 13. System for client/server communications, comprising:

2 a client browser;

3 a frame set loaded to said client browser including a  
4 function frame and a content frame;

5 said function frame for storing application code  
6 communicated to said client browser from a server in  
7 connection with a user selected application; and

8 responsive to user interaction with said content frame,  
9 executing said application code.

1 14. The system of claim 13, further comprising:

2  
3 said frame set including a data accumulation frame for  
4 accumulating data entered to said content frame for  
5 eventual communication to said server.

1 15. The system of claim 13, further comprising:

2 said frame set including a data accumulation frame  
3 initialized with application specific data input fields  
4 for loading to said content frame.

1 16. The system of claim 14, further comprising:

2 said footer frame further for storing data objects and  
3 global variables accessible to said content frame.

1 17. The system of claim 14, further comprising:

2 a server view responsive to user request for filling  
3 said content frame.

1 18. The system claim 17, further comprising:

2 a database for storing data for loading from said  
3 server to said data accumulation frame.

1 19. The system of claim 14, further comprising:

2 said content frame further for calling execution of  
3 said application code.

1 20. The system of claim 14, further comprising:

2           said data accumulation frame further for storing data  
3           for validation prior to transmission to said server.

1       21.   A program storage device readable by a machine,  
2       tangibly embodying a program of instructions executable by a  
3       machine to perform method steps for client/server  
4       communications, said method steps comprising:

5           loading to a client browser a frame set including a  
6           function frame and a content frame;

7           loading application code to said function frame; and

8           responsive to user interaction with said content frame,  
9           executing said application code.

1       22.   The program storage device of claim 21, said method  
2       steps further comprising:

3           loading to said frame set a data accumulation frame;

4           and

5

6           accumulating data entered to said content frame in said  
7           data accumulation frame for eventual communication to  
8           said server.

1       23. The program storage device of claim 21, said method  
2       steps further comprising:

3           loading to said frame set a data accumulation frame;

4           initializing said data accumulation frame with  
5           application specific data input fields;

6           executing said application code to load said data input  
7           fields from said data accumulation frame to said  
8           content frame.

1       24. The program storage device of claim 21, said method  
2       steps further comprising:

3           setting data objects and global variables to said  
4           function frame.



1 25. The program storage device of claim 22, said method  
2 steps further comprising:

3 filling said content frame from a server view.

1 26. The program storage device of claim 22, said method  
2 steps further comprising:

3 loading database data from said server to said data  
4 accumulation frame.

1 27. The program storage device of claim 22, said method  
2 steps further comprising:

3 executing said application code responsive to calls  
4 from said content frame.

1 28. The program storage device of claim 22, said method  
2 steps further comprising:

3 validating data stored to said data accumulation frame  
4 prior to transmission to said server.

1 29. The program storage device of claim 22, said  
2 application being a requisition and catalog application.

1 30. The program storage device of claim 29, said method  
2 steps further comprising:

3 responsive to user input at said content frame,  
4 executing said application code from said function  
5 frame to create or process a requisition.

1 31. The program storage device of claim 30, said method  
2 steps further comprising:

3 accumulating requisition data in said data accumulation  
4 frame for eventual transmission to said server.

1 32. A computer program product or computer program element  
2 for providing client/server communications according to  
3 steps comprising:

4 loading to a client browser a frame set including a  
5 function frame and a content frame;  
  
6 loading application code to said function frame; and  
  
7 responsive to user interaction with said content frame,  
8 executing said application code.  
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